

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
PORT 1450 P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

EXAMINER

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

02/24/2004

NOLAN, SANDRA M

STEPHEN R. CHAPMAN 300 BRACKETT HALL CLEMSON UNIVERSITY CLEMSON, SC 29634-5701

ART UNIT

PAPER NUMBER

1772

DATE MAILED: 02/24/2004

		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	
APPLICATION NO.	FILING DATE		SRC012U	3306
APPLICATION NO.		David A. Zumbrunnen		
09/963,983	09/23/2001	ND STRUCTURED MATERIALS FORMED THERE	FROM	

TITLE OF INVENTION: CHAOTIC MIXING METHOD AND STRUCTURED MATERIALS FORMED THEREFROM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE \$1630	DATE DUE 05/24/2004
nonprovisional	NO	\$1330		OWED FOR ISSUAN	CE AS A PATENT.

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
 - Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as maintenance fee notifications.

CHIRERAT CORRESPONDENCE ADDRESS AND THE ADDRES

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

02/24/2004

STEPHEN R. CHAPMAN 300 BRACKETT HALL CLEMSON UNIVERSITY CLEMSON, SC 29634-5701

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Signature

CONFIRMATION NO. ATTORNEY DOCKET NO. FIRST NAMED INVENTOR FILING DATE 3306 SRC012U APPLICATION NO. David A. Zumbrunnen 09/25/2001

TITLE OF INVENTION: CHAOTIC MIXING METHOD AND STRUCTURED MATERIALS FORMED THEREFROM

				PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
APPLN. TYPE	SMALL ENTITY	ISSUE FEI	E		\$1630	05/24/2004
		\$1330		\$300	\$1030	
nonprovisional	NO 	ART UNIT		CLASS-SUBCLASS]	
EXAMINER		<u> </u>		428-137000		
NOLAN,	SANDRA M	1772	2 For ==	tive on the natent front page	, list (1) the	
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).			names of up to 3 registered patent automoys of			
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.						
	TO DESIDENCE DATA TO	BE PRINTED ON T	THE PATE	VT (print or type)	. Let is only oppropri	riate when an assignment l

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

inder separate cover. Completic (B) RESIDENCE: (CITY	on of this form is and STATE OR	COUNTRY)	
not be printed on the patent);	☐ individual	□ corporation or other private group entity □ government	
4b. Payment of Fee(s):			
☐ A check in the amo	ount of the fee(s)	is enclosed.	
and the second s	, c DTO	2028 is attached	
The Director is h	reby authorized	by charge the required rec(s), of croat this form).	
Deposit Account Number			
pate)		_	
Tradeniary Orders. The information is required to by the USPTO to process) and CFR 1.14. This collection is preparing, and submitting the lepending upon the individual to complete this form and/or hief Information Officer, US merce, Alexandria, Virginia ORMS TO THIS ADDRESS 313-1450.			
a -a -rh -rtta	ato be printed on the patent); 4b. Payment of Fee(s): A check in the amount of Payment by credit The Director is he Deposit Account Nurth of Payment by credit of the Deposit Account Nurth of Payment of Paym	4b. Payment of Fee(s): A check in the amount of the fee(s) Payment by credit card. Form PTO- The Director is hereby authorized Deposit Account Number ation Fee (if any) or to re-apply any previously ate) not be accepted from anyone he assignee or other party in Trademark Office. The information is required to by the USPTO to process) and 7 CFR 1.14. This collection is preparing, and submitting the lepending upon the individual occumplete this form and/or hief Information Officer, U.S. merce, Alexandria, Virginia DRMS TO THIS ADDRESS.	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

			FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
APPLICATION NO.	FILING	DATE		SRC012U	3306	
09/963,983	00/25/2001		David A. Zumbrunnen	EXAMINER		
	7590	02/24/2004		NOLAN, S	ANDRA M	
STEPHEN R. CHAPMAN 300 BRACKETT HALL CLEMSON UNIVERSITY CLEMSON, SC 29634-5701				1772 DATE MAILED: 02/24/200	PAPER NUMBER	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 111 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 111 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.